



South Coast Air Quality Management District

ExxonMobil Refinery

2010 Rule 1118 Quarterly Flare Emissions

Emission Target

2010 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)
76,603	70,037.80

Quarter I (January 1, 2010 - March 31, 2010)

Flare ID	Total Vent Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,430,107	20.2	305.9	34.7	129.4	2
65F	55,737,107	1,015.20	4,597.70	2,955.20	17,285.40	44,998.40
Total	58,167,214	1,035.40	4,903.60	2,989.90	17,414.80	45,000.40

Quarter II (April 1, 2010 - June 30, 2010)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,308,488	106.5	1,248.10	1,967.90	5,238.80	5.4
65F	48,512,799	795	1,990.10	1,119.40	6,534.10	17,671.60
Total	50,821,287	902	3,238	3,087	11,773	17,677

Quarter III (July 1, 2010 - September 30, 2010)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,333,856	17.5	303.4	16.3	81.7	1.9
65F	27,401,697	249.2	3,405.20	360.6	790.8	4,136.00
Total	29,735,553	266.7	3,708.60	376.9	872.5	4,137.90

Quarter IV (October 1, 2010 - December 31, 2010)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
55F-1	2,362,200	18.6	309.7	21.9	96.8	2
65F	30,568,860	450.3	4,564.00	731.9	2,176.50	3,220.50
Total	32,931,060	468.9	4,873.70	753.8	2,273.30	3,222.50